

Residential Lighting Measures

Hardwired Lighting

- Proponent: PG&E
 - Workshop: May 30
 - Standard: Res Lgt
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- Kitchens
 - Baths and Support Spaces
 - Pendant, Track and Recessed Luminaires
 - Luminaires in Insulated Ceilings
 - Exterior Luminaires

Definition of High Efficacy Luminaire

Lamp Power Rating (W)	Minimum Lamp Efficacy (Lumens/W)
15 and less	40
15 - 40	50
Over 40	60

- Electronic ballasts required for lamps greater than 18 W
- Electronic ballasts must comply with EMI and RFI standards

Lighting in Kitchens

- Permanently installed luminaires must be high efficacy.
- Up to 50% of power is excepted if it is switched separately.

Lighting in Bathrooms and Support Spaces

- Permanently installed fixtures in bathrooms, laundry rooms, utility rooms and garages shall be high efficacy luminaires
- Luminaires controlled by manual-on motion sensors are excepted

Pendant, Track and Recessed Luminaires

- Permanently installed fixtures in the ceiling must be high efficacy luminaires
- In spaces other than kitchens and baths non-high efficacy luminaires are allowed if they are controlled by a dimmer

Recessed Luminaires in Insulated Ceilings

- Luminaires must be of type IC so that insulation can be installed in direct contact
- Luminaires must be air tight as determined by ASTM E283
 - Less than 2.0 cfm at 75 pascals of pressure

Exterior Lighting

- Luminaires must be high efficacy, unless
 - Controlled by a motion sensor
 - Used in or around a swimming pool or water feature
 - Low voltage lighting less than 50 W/luminaire